



National Weather Service

Storm Data and Unusual Weather Phenomena



October 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>SOUTH DAKOTA, West</u>									
Pennington County									
13 W Rapid City	11	1525MST			0	0			Hail (0.75)
Meade County									
Piedmont	11	1530MST			0	0			Hail (0.88)
Meade County									
3 N Hereford	11	1611MST			0	0			Hail (0.75)
Ziebach County									
15 SE Dupree	11	1615MST			0	0			Hail (1.75)
Golfball size hail covered the ground									
Meade County									
Union Center	11	1630MST			0	0			Hail (0.75)
Meade County									
10 S Union Center	11	1630MST			0	0	8K		Thunderstorm Wind (G80)
Windows were blown out at Hope School									
Ziebach County									
Dupree	11	1630MST			0	0			Hail (0.88)
Meade County									
6 NE Red Owl	11	1636MST			0	0	5K		Hail (1.00)
Hail knocked out windows at several houses.									
Meade County									
White Owl	11	1645MST			0	0			Hail (1.00)
Meade County									
Enning	11	1646MST			0	0	5K		Hail (1.00)
Numerous windows were broken at Enning School.									
Meade County									
Enning	11	1646MST			0	0	4K		Thunderstorm Wind (G90)
Roofs were ripped off several buildings.									
Meade County									
3 E Union Center	11	1646MST			0	0			Hail (1.25)
Hail up to 6 inches deep covered highway 34.									
Meade County									
3 E Enning	11	1650MST	0.2	50	0	0			Tornado (F0)
Brief tornado reported by law enforcement officer along Highway 34. Path length and width are estimated.									
Meade County									
Marcus	11	1653MST			0	0	3K		Thunderstorm Wind (G90)
Roofs were blown off several buildings.									
Ziebach County									
15 W Dupree	11	1715MST			0	0			Hail (2.75)
Ziebach County									
Dupree	11	1730MST			0	0	1K		Hail (1.25)
Windows broken in vehicles.									

Thunderstorms developed over the Black Hills and surrounding plains and moved northeast into Meade County. The storms strengthened causing widespread wind and hail damage from Central Meade County into Ziebach County. Windows were broken out of homes, schools, and cars. Roofs were ripped off several buildings. Highways 34, 212, and 73 were briefly closed in some areas due to high water and deep hail.



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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

SOUTH DAKOTA, West

SDZ001>002-012>014-024>032-041>044-046>047-049 **Harding - Perkins - Butte - Meade Co. Plains - Ziebach - Northern Black Hills - Northern Foot Hills - Central Foot Hills - Southern Foot Hills - Central Black Hills - Southern Black Hills - Custer Plains - Pennington Plains - Haakon - Fall River Co. - Shannon - Jackson - Bennett - Mellette - Todd - Tripp**

12	1000MST	0	0	High Wind (G55)
13	1800MST			

Northwest winds approached 60 mph at times, especially during the afternoon hours of 10/12 and 10/13.

SDZ027>029-041>042 **Southern Foot Hills - Central Black Hills - Southern Black Hills - Fall River Co. - Shannon**

24	0400MST	0	0	Winter Storm
25	0800MST			

Snowfall of 4 to 6 inches was reported across the higher elevations of the central and southern Black Hills with 2 to 4 inches along the foothills. In South Dakota, the heaviest snow fell near the Nebraska border. 6 to 10 inches fell over the southern 1/3 of Fall River County with around 4 inches in southwest Shannon County. The snow, combined with winds to 40 mph, caused near zero visibility at times with blowing and drifting snow